PRELIMINARY ASSESSMENT COVER SHEET
GA POWER CO. WANSLEY STM. ELEC. GEN. STA.
GAD000612937

The Georgia Power Company Wansley Steam Electric Generating Station has been in operation since 1976 at its present location. The RCRA Part A Application permit filed by the facility indicates joint ownership between Georgia Power, Oglethorpe Power Corp., The Municipal Electric Authority of Georgia, and the City of Dalton, Georgia. The facility is operated by the Georgia Power Company. The facility generates electricity by burning coal and/or oil to boil large tanks of water. The steam generated from the boiling water is used to turn turbines which generate electricity. Waste ash is disposed of in an ash pond (See attached map). The boilers are cleaned periodically to remove copper and iron scale. This results in the generation of several thousand gallons of waste wash water, most of which is placed in the ash pond. This boiler cleaning waste was granted an exclusion from the Georgia Rules for Hazardous Waste Management in 1983. The facility discharges some of the liquid wastes generated on site under NPDES permit GA0024778.

The site is located in a sparsely inhabited portion of Heard and Carroll Counties. Surface runoff from the site enters the Chattahoochee River about 1/2 mile east of the site. Porosity and permeability of rocks underlying the site are largely the result of fractures and joints within the rock units or the result of a contact between 2 or more different rock types.

The Waste Management Data Sheet dated 3/22/84 (attached) indicated that it has generated PCB's, organics and inorganics and that no information exists as to the disposal practices of these substances prior to 1980. For this reason, the site is assessed a "LOW" priority for a Site Inspection. Since 1980, all hazardous wastes generated at the site have been handled in accordance with the Georgia Rules for Hazardous Waste Management.

CSW/mcw016

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
GA	D000612937

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
GA Power Co. Wansley Stm. Elec. Gen. Sta.	P. O. Box 214, GA Hwy. 5

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Roopville	GA	30170	Heard	149	06

09 COORDINATES LATITUDE	LONGITUDE
33° 24' 45.0"	085° 03' 00.0"

10 DIRECTIONS TO SITE (Starting from nearest public road)

From Glenlock community proceed east on Friendship Chruch Road. Ash pond is on the left (north) side of the road about 1 mile from Glenlock.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)
See PA Cover Sheet and RCRA Part A	

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
Application (attached)			( )

07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)
Georgia Power Company	P. O. Box 4545

09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
Atlanta	GA	30302	(404) 522-6060

13 TYPE OF OWNERSHIP (Check one)

☐ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL

☒ F. OTHER: private and municipal joint ownership (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: ___/___/___ (MONTH DAY YEAR) ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ___/___/___ (MONTH DAY YEAR) ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☐ YES DATE ___/___/___ (MONTH DAY YEAR)

☒ NO

BY (Check all that apply)

☐ A. EPA ☐ B. EPA CONTRACTOR ☐ C. STATE ☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: _____ (Specify)

CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)	03 YEARS OF OPERATION		
☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN	1976 (BEGINNING YEAR)	continuing (ENDING YEAR)	☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

PCB's, solvents

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Low - little information exists regarding hazardous waste disposal practices prior to 1980.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☒ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
Mr. Bob Woodall-Man. Env. Affairs	Georgia Power Company	(404) 526-7108

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Steve Walker	DNR	EPD-RAU	(404) 656-7404	08 21 85 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

J. Sumonic

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
GA	D000612937

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER (Specify) _____
- ☐ E. SLURRY
- X F. LIQUID
- ☐ G. GAS

02 WASTE QUANTITY AT SITE
(Measures of waste quantities must be independent)

- TONS _____
- CUBIC YARDS unknown
- NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- X A. TOXIC
- ☐ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☐ D. PERSISTENT
- ☐ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☐ G. FLAMMABLE
- ☐ H. IGNITABLE
- ☐ I. HIGHLY VOLATILE
- ☐ J. EXPLOSIVE
- ☐ K. REACTIVE
- ☐ L. INCOMPATIBLE
- ☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS	unknown	-----	various organic and inorganic
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

GA EPD State Files.

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
GA	D000612937

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION
02 [ ] OBSERVED (DATE: _____) [X] POTENTIAL [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown
04 NARRATIVE DESCRIPTION
Potential if solvents were released into ash pond which was used to hold non-hazardous fly ash and non-hazardous boiler cleaning waste.

01 [X] B. SURFACE WATER CONTAMINATION
02 [ ] OBSERVED (DATE: _____) [X] POTENTIAL [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown
04 NARRATIVE DESCRIPTION
Potential if solvents were released into ash pond which was used to hold non-hazardous fly ash and non-hazardous boiler cleaning waste.

01 [ ] C. CONTAMINATION OF AIR
02 [ ] OBSERVED (DATE: _____) [ ] POTENTIAL [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

01 [ ] D. FIRE/EXPLOSIVE CONDITIONS
02 [ ] OBSERVED (DATE: _____) [ ] POTENTIAL [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

01 [ ] E. DIRECT CONTACT
02 [ ] OBSERVED (DATE: _____) [ ] POTENTIAL [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

01 [X] F. CONTAMINATION OF SOIL
02 [ ] OBSERVED (DATE: _____) [X] POTENTIAL [ ] ALLEGED
03 AREA POTENTIALLY AFFECTED: unknown (Acres)
04 NARRATIVE DESCRIPTION
Potential if solvents or PCB's were released on site.

01 [ ] G. DRINKING WATER CONTAMINATION
02 [ ] OBSERVED (DATE: _____) [ ] POTENTIAL [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

01 [ ] H. WORKER EXPOSURE/INJURY
02 [ ] OBSERVED (DATE: _____) [ ] POTENTIAL [ ] ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

01 [ ] I. POPULATION EXPOSURE/INJURY
02 [ ] OBSERVED (DATE: _____) [ ] POTENTIAL [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
GA	D000612937

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION *(Include name(s) of species)*

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES *(Spills/runoff/standing liquids/leaking drums)* — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

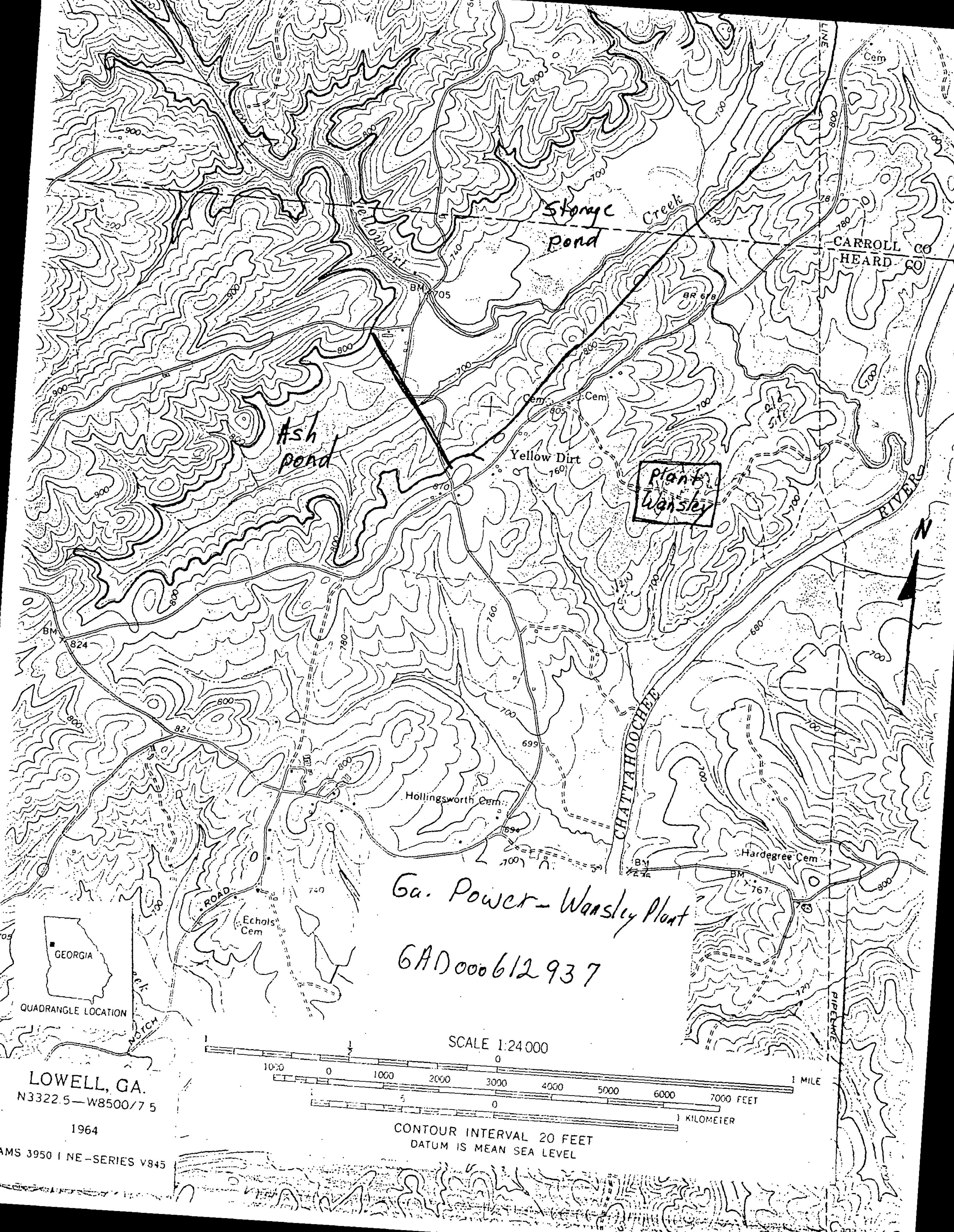
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

GA EPD State Files.


Storage pond
Creek
CARROLL CO
HEARD CO
Ash pond
Yellow Dirt
Plant Wansley
Cem
N
RIVER
CHATTAHOOCHEE
Hollingsworth Cem
Hardegree Cem
Echols Cem
ROAD
NOTCH
PIPELINE
LINE
Ga. Power - Wansley Plant
GAD000612937
GEORGIA
QUADRANGLE LOCATION
SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
LOWELL, GA.
N3322.5—W8500/7.5
1964
AMS 3950 I NE–SERIES V845

ID Number _____ Insp Name _____

PHASE ONE

Refer to Form No:	Interim Regulatory Requirements	Indicate by your initials: Yes	No	Valid Prmlg Date?
1	T/S/D Facility? (If No, return to respondent.)	JK	___	
3	Form 1 received?	JK	___	
1	Form 3 received?	JK	___	
1 & 3	Postmarked on or before November 19, 1980?	JK	___	___
3	Date of operation entered?	JK	___	
3	Date of operation on or before November 19, 1980?	JK	___	___
Notif. record	Notifier?	JK	___	
"	Notified on or before August 18, 1980?	JK	___	
1	Form 1, XIII B signed?	JK	___	
3	Form 3, IX B Signed?	JK	___	

(If all ten items above are initialed in the Yes column, generate Interim Status Acknowledgement and indicate the trigger date here: 12/19/80)

PHASE TWO

1	Unsure if regulated or non-regulated?	___	___
3	New facility?	___	___
1 & 3	Core items missing? If Yes, indicate which items:		

Facility name___; location___; mail address___; operator info___;

certification___; process info___; waste info___; owner___; sigs___.

PHASE THREE

1 & 3 Non-core items missing? If Yes, indicate which items:

Maps___; photos___; drawings___; lat/long___.

Other observations and comments:

Received Date Stamp

(Stamp forms also)

Log out/Log in on reverse side.

GENERAL

I. EPA I.D. NUMBER	PLEASE PLACE LABEL IN THIS SPACE
III. FACILITY NAME	
V. FACILITY MAILING ADDRESS	
VI. FACILITY LOCATION	

RECEIVED NOV 13 ... 1981

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill—in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill—in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold—faced terms.

SPECIFIC QUESTIONS	YES	NO	FORM ATTACHED	SPECIFIC QUESTIONS	YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge to waters of the U.S.**? (FORM 2A)		X		B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge to waters of the U.S.**? (FORM 2B)		X	
	16	17	18		19	20	21
C. Is this a facility which currently results in discharges to **waters of the U.S.** other than those described in A or B above? (FORM 2C)	X			D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge to waters of the U.S.**? (FORM 2D)		X	
	22	23	24		25	26	27
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)	X		X	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
	28	29	30		31	32	33
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
	34	35	36		37	38	39
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X		J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X	
	40	41	42		43	44	45

III. NAME OF FACILITY

C 1 SKIP WANSLEY STEAM ELECTRIC GENERATING STA.

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
C 2 BYERLEY T E MGR. OF ENVR. AFFRS.	404 522 6060

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX

C 3 P. O. BOX 214

B. CITY OR TOWN	C. STATE	D. ZIP CODE
C 4 ROOPVILLE	GA	30170

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

C 5 HIGHWAY 5

B. COUNTY NAME

HEARD

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
C 6 ROOPVILLE	GA	30170	

C		(specify)			(specify)
7			7		

VIII. OPERATOR INFORMATION

A. NAME

8 GEORGIA POWER COMPANY

B. Is the name listed in Item VIII-A also the owner? ☒* YES ☐ NO

C. STATUS OF OPERATOR *(Enter the appropriate letter into the answer box; if "Other", specify.)*

F = FEDERAL
S = STATE
P = PRIVATE
M = PUBLIC *(other than federal or state)*
O = OTHER *(specify)*

P *(specify)*

D. PHONE *(area code & no.)*

A 404 522 6060

E. STREET OR P.O. BOX

P. O. BOX 4545

F. CITY OR TOWN	G. STATE	H. ZIP CODE
B ATLANTA	GA	30302

IX. INDIAN LAND

Is the facility located on Indian lands? ☐ YES ☒ NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES *(Discharges to Surface Water)*	D. PSD *(Air Emissions from Proposed Sources)*
9 N GA0024778	9 P None
B. UIC *(Underground Injection of Fluids)*	**E. OTHER** *(specify)*
9 U None	9 *(specify)*
C. RCRA *(Hazardous Wastes)*	**E. OTHER** *(specify)*
9 R None	9 *(specify)*

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property bounderies. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS *(provide a brief description)*

Generation of electricity by combustion of coal and oil.

* Wansley is jointly owned by Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and the City of Dalton.

XIII. CERTIFICATION *(see instructions)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE *(type or print)*	B. SIGNATURE	C. DATE SIGNED
W.E. Ehrensperger - Sr. V.P. Power Supply	W.E. Ehrensperger	11/18/80

COMMENTS FOR OFFICIAL USE ONLY

C

APPLICATION DATE APPROVED

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below *(mark one box only)* to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION *(place an "X" below and provide the appropriate date)*

[X] 1. EXISTING FACILITY *(See instructions for definition of "existing" facility. Complete item below.)*

[ ] 2. NEW FACILITY *(Complete item below.)*

FOR EXISTING FACILITIES, PROVIDE THE DATE *(yr., mo., & day)* OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED *(use the boxes to the left)*: C 8 | YR. 76 | MO. 12 | DAY 24

FOR NEW FACILITIES, PROVIDE THE DATE *(yr., mo., & day)* OPERATION BEGAN OR IS EXPECTED TO BEGIN: YR. | MO. | DAY

B. REVISED APPLICATION *(place an "X" below and complete Item I above)*

[ ] 1. FACILITY HAS INTERIM STATUS

[ ] 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. PROCESS CODE – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process *(including its design capacity)* in the space provided on the form *(Item III-C)*.

B. PROCESS DESIGN CAPACITY – For each code entered in column A enter the capacity of the process.

1. AMOUNT – Enter the amount.
2. UNIT OF MEASURE – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-FEET *(the volume that would cover one acre to a depth of one foot)* OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER *(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)*	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H
ACRE-FEET	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III *(shown in line numbers X-1 and X-2 below)*: A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

S C | DUP | F/A C 1

LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY
X-1	S02	600	G		5				
X-2	T03	20	E		6				
1	S01	800	G		7				
2	T02	850	U		8				
3					9				
4					10				

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER – Enter the four–digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four–digit number*(s)* from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY – For each **listed waste** entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each **characteristic** or **toxic contaminant** entered in column A estimate the total annual quantity of all the non–listed waste*(s)* that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE – For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:
   For listed hazardous waste: For each **listed** hazardous waste entered in column A select the code*(s)* from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.
   For non–listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code*(s)* from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non–listed hazardous wastes that possess that characteristic or toxic contaminant.
   Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code*(s)*.

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER – Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B,C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV *(shown in line numbers X-1, X-2, X-3, and X-4 below)* – A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non–listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (if a code is not entered in D(1))
1	F 0 0 1	6,400	P	S 0 1	
2	F 0 0 2				Included With Above
3	F 0 0 3				Included With Above
4	F 0 0 4				Included With Above
5	F 0 0 5				Included With Above
6	U 0 0 2	• Acetone			Included With Above
7	U 2 2 2	•			Included With Above
8	U 0 5 4	•			Included With Above
9	U 1 5 9	•			Included With Above
10	U 1 2 2	•			Included With Above
11	P 1 0 6	• NaCN			Included With Above
12	U 1 1 7	•			Included With Above
13	U 1 2 3	•			Included With Above
14	U 2 2 0	• Toluene, meth. Benzene			Included With Above
15	U 1 8 8	•			Included With Above
16	U 1 3 4	•			Included With Above
17	U 2 1 0	• TCE			Included With Above
18	U 0 1 3	•			Included With Above
19	U 1 5 4	•			Included With Above
20	U 2 1 1	• Carbtet.			Included With Above
21	U 1 5 1	•			Included With Above
22	P 0 2 2	•			Included With Above
23	P 0 9 7	•			Included With Above
24	D 0 0 2	• 850	T	T 0 2	
25					
26					

EPA I.D. NO. *(enter from page 1)*

													T/A	C
F	G	A	T	0	0	0	6	1	2	9	3	7		6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility *(see instructions for more detail).*

VI. PHOTOGRAPHS

All existing facilities must include photographs *(aerial or ground–level)* that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas *(see instructions for more detail).*

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE *(degrees, minutes, & seconds)*	LONGITUDE *(degrees, minutes, & seconds)*
33 24 49 N	085 01 59 W

VIII. FACILITY OWNER

[X] A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

[ ] B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER	2. PHONE NO. *(area code & no.)*
E	

3. STREET OR P.O. BOX	4. CITY OR TOWN	5. ST.	6. ZIP CODE
F	G		

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME *(print or type)*	B. SIGNATURE	C. DATE SIGNED
W.E. Ehrensperger	W.E. Ehrensperger	11/18/80

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME *(print or type)*	B. SIGNATURE	C. DATE SIGNED

Georgia Power
The Southern Electric System

Power Supply Engineering and Services

November 16, 1981

Mr. Clyde Fehn
Environmental Engineer
Industrial and Hazardous Waste Management Program
Environmental Protection Division
270 Washington Street, S.W.
Atlanta, Georgia 30334

Dear Mr. Fehn:

In response to your request during your November 12, 1981, visit to our Plant McDonough-Atkinson, we offer the following information detailing the operation of our boiler chemical cleaning process:

Boiler Chemical Cleaning Process

The accumulation of internal boiler tube deposits is directly related to operating time and feedwater quality. To maintain long term unit reliability and to ensure efficient heat transfer across the boiler tubes, a periodic chemical cleaning is essential.

We currently have twenty-five (25) boilers which are cleaned every 2 to 5 years on a rotating basis. To provide a perspective on this operation, the following is a summary of a typical boiler chemical cleaning operation:

1. Copper Removal Stage: Ammonium Bromate is injected into the boiler and allowed to soak for four (4) hours.
2. Boiler is rinsed with demineralized water.
3. Iron Removal Stage: Hydrochloric Acid is injected into the boiler and allowed to soak for six (6) hours.
4. Boiler is rinsed with demineralized water.
5. Boiler is rinsed with citric acid.
6. Boiler is rinsed with demineralized water.
7. Copper Removal Stage is repeated.
8. Boiler is rinsed with demineralized water.
9. Neutralization and Passivation Stage: An alkaline phosphate solution is injected into the boiler.
10. Boiler is rinsed with demineralized water.

Georgia Power

The spent solutions from the described operations range in volume from 300,000 to 1,500,000 gallons depending on the size of the boiler being cleaned. At each plant site, these solutions are drained into two chemical cleaning holding basins. The spent copper removal solution and its associated rinses are collected in a holding basin lined with clay. The spent iron removal solution and its associated rinses are collected in a holding basin lined with limestone. This separation of waste is required to optimize the treatment of waste.

This waste is considered hazardous through the definition of corrosivity. Depending on the cleaning operation, the pH of the spent iron removal solution may be below 2.0.

After careful consideration of the options available to us regarding groundwater monitoring, we have decided that, in the future, the pH of all chemical cleaning waste being discharged into the basins will be maintained between 2.0 and 12.5. This will be accomplished through neutralization of the waste in the discharge pipe from the boiler.

Under these circumstances, this waste will no longer be classified as hazardous and will not be subject to the regulations promulgated under RCRA. Therefore, the facilities for which interim status was applied will no longer be classified as treatment facilities. We, therefore, request that the interim status for the following facilities be removed and the facilities no longer be classified as treatment, storage or disposal facilities:

Plant Bowen ✓
Plant Branch ✓
Plant Hammond ✓
Plant McDonough-Atkinson ✓
Plant McManus ✓
Plant Mitchell ✓
Plant Scherer ✓
Plant Wansley ✓
Plant Yates ✓

Should you have any questions or comments, please advise.

Sincerely,

T. E. Byerley
Manager of Environmental Affairs

CMH:bjk

JOE D. TANNER
Commissioner

J. LEONARD LEDBETTER
Division Director

ENVIRONMENTAL PROTECTION DIVISION
270 WASHINGTON STREET S.W.
ATLANTA, GEORGIA 30334

April 28, 1983

Mr. T. E. Byerley
Manager of Environmental Affairs
Georgia Power Company
P. O. Box 4545
Atlanta, GA 30302

Dear Mr. Byerley:

Reference the March 3, 1983 meeting between Mr. C.H. Huling of Georgia Power Company and representatives of EPD's Industrial and Hazardous Waste Management Program. At that meeting, Mr. Huling requested that the Environmental Protection Division consider the exclusion of Georgia Power Company's boiler cleaning waste from regulation under the Georgia Hazardous Waste Management Act.

As the U.S.E.P.A. has provided a similar exclusion of such wastes under 40 CFR §261.4(b)(4), the Environmental Protection Division hereby grants an exclusion under this regulation, contingent upon the following:

(a) Current methods of pH adjustment for such wastes must continue to be implemented; and

(b) Georgia Power Company must provide to EPD an analysis of pH, total chromium, and hexavalent chromium from a representative sample of the mixtures of wastewaters and sludge resulting from each subsequent boiler cleaning, within 30 days of each cleaning.

Note that, as the U.S.E.P.A.'s exclusion of this waste is temporary, the Environmental Protection Division is similarly granting an exclusion contingent upon the EPA's final ruling. Should EPA at any time revoke its exclusion, the Environmental Protection Division would do likewise and the boiler cleaning wastes would again be subject to regulation under the Georgia Hazardous Waste Management Act. This exclusion may also be revoked if the concentration of hazardous constituents significantly changes.

Should you have any questions concerning this matter, please contact Ms. Margaret Markey at 404/656-7802.

Sincerely,

J. Leonard Ledbetter

J. Leonard Ledbetter
Director

JLL:mmk
cc: Moses N. McCall, III
File: Georgia Power (all facilities)(R)

Department of Natural Resources
ENVIRONMENTAL PROTECTION DIVISION
270 WASHINGTON STREET S.W.
ATLANTA, GEORGIA 30334

JOE D. TANNER
Commissioner

J. LEONARD LEDBETTER
Division Director

August 15, 1983

FILE COPY

Mr. D. N. MacLemore, Jr.
Vice President and Chief Engineer
Power Supply Engineering and Services
Georgia Power Company
P. O. Box 4545
Atlanta, Georgia 30302

RE: Request for Facility Status Changes for
Georgia Power Plants Bowen, Branch
Hammond, Hatch, McDonough/Atkinson
McManus, Mitchell, Scherer, Vogtle
Wansley and Yates

Dear Mr. MacLemore:

This will acknowledge receipt of your request for withdrawal of your application for a Hazardous Waste Facility permit.

Based on the information provided, withdrawal of your application is warranted and your permit application has been placed in our inactive files.

Please be advised that withdrawal of your permit application invalidates any variance that you received to continue existing hazardous waste treatment storage or disposal during the permit review process and that based on our concurrence with your withdrawal request, the Federal Environmental Protection Agency will terminate your facility's interim status.

Should you wish to treat, store, or dispose of hazardous waste in the future, it will be necessary that a hazardous waste handling permit be issued, prior to the construction of such facilities, under authority of Section 8 of the Georgia Hazardous Waste Management Act and paragraphs .10 and .11 of Georgia's Rules for Hazardous Waste Management, Chapter 391-3-11.

If further clarification is needed on this matter, please feel free to contact Ms. Margaret Markey at 404/656-7802.

Sincerely,

John D. Taylor, Jr., Program Manager
Industrial & Hazardous Waste
Management Program

JDT:mmb
cc: James H. Scarbrough
File: Ga. Power (Y)

Georgia Power Company
333 Piedmont Avenue
Atlanta, Georgia 30308
Telephone 404 526-6526

Mailing Address:
Post Office Box 4545
Atlanta, Georgia 30302

Georgia Power
the southern electric system

Power Supply Engineering and Services

March 26, 1984

STEAM ELECTRIC GENERATING PLANTS
Waste Management Data Sheets

Mr. Joseph T. Surowiec
Remedial Actions Unit
Environmental Protection Division
3420 Norman Berry Drive
7th Floor - Scott Hudgens Bldg.
Hapeville, Georgia 30354

Dear Mr. Surowiec:

Reference your January 20, 1984 correspondence requesting information on past waste handling practices at a number of Georgia Power Company facilities. Our review of those sites has determined that, prior to 1980, no specific records on waste handling were kept. However, we have identified the general types of waste generated at those sites to be primarily waste solvents, used during painting operations and waste laboratory chemicals used during routine chemical analyses (see attached forms). These wastes were handled in accordance with the environmental laws and regulations applicable at that time of generation.

If you have any questions or require additional information, please advise.

Sincerely,

T. E. Byerley
Manager of Environmental Affairs

RDM:bjk

Attachments

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

WASTE MANAGEMENT DATA SHEET

NAME AND LOCATION OF FACILITY

Georgia Power Company
Plant Wansley
P. O. Box 214
Roopville, Georgia 30170

PERSON TO CONTACT
(ENTER THE NAME, ADDRESS, TITLE AND BUSINESS TELEPHONE NUMBER OF THE PERSON TO CONTACT REGARDING INFORMATION SUBMITTED ON THIS FORM).

Mr. T. E. Byerley, Manager of Environmental Affairs
P. O. Box 4545 - 17/333 Piedmont
Atlanta, Georgia 30302
(404) 526-7100

DATES OF WASTE HANDLING
(ENTER THE YEARS THAT YOU ESTIMATE WASTE TREATMENT, STORAGE OR DISPOSAL BEGAN AND ENDED AT THE SITE. IF YOU SELECTED A FACILITY OFF-SITE PLEASE NOTE AND EXPLAIN IN "COMMENTS" SECTION.

Initial Start-up (Unit 1) 8/14/76. Prior to 1980, no records of Hazardous Waste Handling were maintained.

GENERAL TYPE OF WASTE

1- (X) ORGANICS
2- (X) INORGANICS
3- (X) SOLVENTS
4- ( ) PESTICIDES
5- ( ) HEAVY METALS
6- ( ) ACIDS
7- ( ) BASES
8- (X) PCB's
9- ( ) MIXED MUNICIPAL WASTE
10- ( ) UNKNOWN
11- ( ) OTHER (SPECIFY)

WASTE QUANTITY (ESTIMATED)

Prior to 1980, no records of hazardous waste handling were maintained? For waste quantities generated since 1980, see Annual Hazardous Waste Reports.

HAS THERE EVER BEEN A SPILL OR DISCHARGE OF A HAZARDOUS SUBSTANCE FROM YOUR FACILITY? (BRIEFLY EXPLAIN THE NATURE OF THE RELEASE).

No

COMMENTS

(IF THERE IS ANY COMMENTS THAT YOU BELIEVE WOULD CLARIFY THE PAST WASTE HANDLING PRACTICES OF YOUR FACILITY OR OF FACILITIES YOU SELECTED TO HANDLE YOUR WASTE, PLEASE ELABORATE IN THE SPACE PROVIDED).

Since 1980, all Hazardous Waste has been disposed at permitted disposal sites. For further information, see Annual Hazardous Waste Reports

PCB were handled and disposed of in accordance with the Toxic Substance Control Act of 1976.

SIGNATURE AND TITLE

Mr. T. E. Byerley
Mgr. of Envr. Affairs — (404) 526-7100
NAME — TELEPHONE

333 Piedmont - 17th Floor
STREET

Atlanta, Georgia — 30302
CITY — STATE — ZIP CODE

T E Byerley — 3-22-84
SIGNATURE — DATE

EPA

POTENTIAL HAZARDOUS WASTE SITE
TENTATIVE DISPOSITION

REGION: 4 | SITE NUMBER: GAD000612937

File this form in the regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency, Site Tracking System, Hazardous Waste Enforcement Task Force (EN-335), 401 M St., SW, Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET		
Georgia Power			
C. CITY	**D. STATE**	**E. ZIP CODE**	
Wansley			

II. TENTATIVE DISPOSITION

Indicate the recommended action(s) and agency(ies) that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY: EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED -- NO HAZARD					
B. INVESTIGATIVE ACTION(S) NEEDED (If yes, complete Section III.)	X		X		
C. REMEDIAL ACTION NEEDED (If yes, complete Section IV.)					
D. ENFORCEMENT ACTION NEEDED (If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)					

E. RATIONALE FOR DISPOSITION

Cancer risk (low) SI

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION (mo., day, & yr.)	G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED (mo., day, & yr.)

H. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)
Roy Welberson		10-11-85

III. INVESTIGATIVE ACTIVITY NEEDED

A. IDENTIFY ADDITIONAL INFORMATION NEEDED TO ACHIEVE A FINAL DISPOSITION.

B. PROPOSED INVESTIGATIVE ACTIVITY (Detailed Information)

1. METHOD FOR OBTAINING NEEDED ADDITIONAL INFO.	2. SCHEDULED DATE OF ACTION (mo, day, & yr)	3. TO BE PERFORMED BY (EPA, Contractor, State, etc.)	4. ESTIMATED MANHOURS	5. REMARKS
a. TYPE OF SITE INSPECTION (1)				
(2)				
(3)				
b. TYPE OF MONITORING (1)				
(2)				
c. TYPE OF SAMPLING (1)				
(2)				

EPA Form T2070-4 (10-79)

Continue On Reverse